

WHAT IS CLAIMED IS:

1. A data processing apparatus comprising:

error detection means for detecting first data for an error, said first data being read from a data recording medium storing said first data and second data corresponding to said first data and having a data amount smaller than that of said first data; and

error concealment means for concealing an error if any found on said first data by use of said second data read from said data recording medium.

2. The data processing apparatus according to claim 1, further comprising:

first control means for controlling the reproduction of said first data; and

second control means for controlling the reproduction of said second data,

wherein said first control means controls the reproduction of said first data in response to the reproduction of said second data controlled by said second control means.

3. The data processing apparatus according to claim 1, wherein, if no error is found on said first data, said error concealment means selectively outputs said first data and, if an error is found on said first data,

selectively outputs said second data.

4. The data processing apparatus according to claim 1, wherein said first data is video data and said second data is video data obtained by lowering the resolution of video data as said first data.

5. The data processing apparatus according to claim 4, further comprising:

resize means for resizing said video data as said second data into the same size of said video data as said second data.

6. The data processing apparatus according to claim 1, further comprising:

read means for reading said first data or said second data from said data recording medium.

7. A data processing method comprising the steps of:

detecting first data for an error, said first data being read from a data recording medium storing said first data and second data corresponding to said first data and having a data amount smaller than that of said first data; and

concealing an error if any found on said first data by use of said second data read from said data recording medium.

8. The data processing method according to claim 7, further comprising the steps of:

controlling the reproduction of said first data;
and

controlling the reproduction of said second data,
wherein said first control step controls the reproduction of said first data in response to the reproduction of said second data controlled by said second control step.

9. The data processing method according to claim 7, wherein, if no error is found on said first data, said error concealment step selectively outputs said first data and, if an error is found on said first data, selectively outputs said second data.

10. The data processing method according to claim 7, wherein said first data is video data and said second data is video data obtained by lowering the resolution of video data as said first data.

11. The data processing method according to claim 10, further comprising the step of:

resizing said video data as said second data into the same size of said video data as said second data.

12. The data processing method according to claim 7, further comprising the step of:

reading said first data or said second data from said data recording medium.

13. A program for making a computer execute a data processing method, said program comprising the steps of:

detecting first data for an error, said first data being read from a data recording medium storing said first data and second data corresponding to said first data and having a data amount smaller than that of said first data; and

concealing an error if any found on said first data by use of said second data read from said data recording medium.

14. The program according to claim 13, further comprising the steps of:

controlling the reproduction of said first data; and

controlling the reproduction of said second data, wherein said first control step controls the reproduction of said first data in response to the reproduction of said second data controlled by said second control step.

15. The program according to claim 13, wherein, if no error is found on said first data, said error concealment step selectively outputs said first data and,

if an error is found on said first data, selectively outputs said second data.

16. The program according to claim 13, wherein said first data is video data and said second data is video data obtained by lowering the resolution of video data as said first data.

17. The program according to claim 16, further comprising the step of:

resizing said video data as said second data into the same size of said video data as said second data.

18. The program according to claim 13, further comprising the step of:

reading said first data or said second data from said data recording medium.